

# Converting Colors

YUV(118.9960, 67.0500,  
54.3775)

Have a look what the booklet for  
YUV(118.9960, 67.0500, 54.3775)  
contains.

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# Color

**YUV(118.9960, 67.0500,  
54.3775)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B53DFF
RGB	181, 61, 255
RGB Percent	71%, 24%, 100%
CMY	0.2902, 0.7608, 0.0000
CMYK	0.29, 0.76, 0.00, 0.00
HSL	277°, 100%, 62%
HSV	277°, 76%, 100%
XYZ	38.7748, 20.3812, 96.4981
YIQ	118.9960, 9.2460, 85.7740

# Conversions

## Conversions Part 2

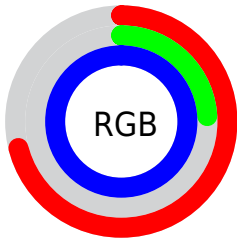
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 61, 255
Decimal	11877887
CIE <sub>Lab</sub>	52.27, 76.58, -74.41
CIE <sub>LCh</sub>	52, 106.778, 315.824
Yxy	20.3812, 0.2491, 0.1309
Android (android.graphics.Color)	4290067967 (0xFFB53DFF)
YUV	118.9960, 67.0500, 54.3775
Hunter-Lab	45.1456, 74.3059, -95.1296

# Details

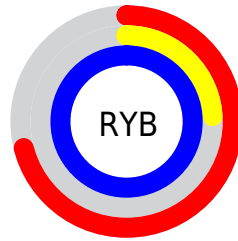
The YUV color **118.9960, 67.0500, 54.3775** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed purple. A complement of this color would be **197.0040, -67.0500, -54.3775**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.8680, 40.9841, 61.5058**, and **58.6370, 68.2130, 54.6924** is the 20% darker color. If you saturate the color by 10%, you get **100.7440, 76.0482, 61.6145**, and if you desaturate by 10%, it is **137.2480, 58.0517, 47.1405**.

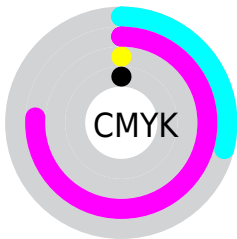
# Distribution



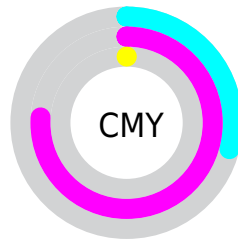
- Red (71%)
- Green (24%)
- Blue (100%)



- Red (71%)
- Yellow (24%)
- Blue (100%)



- Cyan (29%)
- Magenta (76%)
- Yellow (0%)
- Black (0%)




- Cyan (29%)
- Magenta (76%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 118.9960, 67.0500, 54.3775 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 118.9960, 67.0500, 54.3775 by changing the saturation by 10% instead.





 118.9960, 67.0500,  
54.3775


 118.9960, 67.0500,  
54.3775


255.0000, 0.0000,  
0.0000


 84.4140, 69.8019,  
58.3959


 171.8680, 40.9841,  
61.5058


 58.6370, 68.2130,  
54.6924


 192.7780, 30.6754,  
54.5687


 46.4750, 60.4048,  
39.0484


 209.8010, 22.2831,  
39.6395

 33.8290, 53.3283,  
22.0750

 226.8240, 13.8908,  
24.7104

 19.6880, 46.9888,  
2.0276

 244.4340, 5.2090,  
9.2664

 10.1460, 38.8750,  
-8.8980

 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,  
-5.7435

■ 2.8670, 8.4466,  
-2.5144

■ 118.9960, 67.0500,  
54.3775

■ 118.9960, 67.0500,  
54.3775

■ 100.7440, 76.0482,  
61.6145

■ 137.2480, 58.0517,  
47.1405

■ 83.3780, 84.6096,  
68.9515

■ 154.6140, 49.4903,  
39.8035

■ 76.3120, 88.0932,  
71.6404

■ 172.8660, 40.4921,  
32.5665

■ 190.5310, 31.7832,  
25.8443

■ 208.7830, 22.7850,  
18.6073

■ 226.1490, 14.2235,  
11.2703

■ 244.4010, 5.2253,  
4.0333

■ 255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



100.6840, 76.0778, -88.2999



118.9960, 67.0500, 54.3775



95.8530, 37.5405, 139.5719

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



118.9960, 67.0500, 54.3775



117.5480, -57.9512, 60.9094



113.0550, 29.5529, -99.1492

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



118.9960, 67.0500, 54.3775



197.0040, -67.0500, -54.3775

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.8230, -12.2377, -88.4218



118.9960, 67.0500, 54.3775



111.8250, -55.1297, -4.2315

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



118.9960, 67.0500, 54.3775



91.4520, -45.0858, 134.6616



88.0500, -43.4087, -77.2198



122.4030, 65.3703, -107.3474



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



118.9960, 67.0500, 54.3775



89.0130, 11.3326, 145.5706



88.0500, -43.4087, -77.2198



109.4070, 15.5753, -95.9499

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



118.9960, 67.0500, 54.3775



213.7890, 20.3170, 16.8480



126.5540, 63.3239, -57.4909



102.6820, 12.4818, 9.9259



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



118.9960, 67.0500, 54.3775



92.2050, 80.2579, 64.7182



138.5000, 46.0955, 102.1705



118.8740, 4.4991, 3.6185



57.0560, 66.0344, 53.4479



18.9570, 22.2062, 17.5777



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



127.4420, 3.7261, 111.8684



102.4000, 4.2398, 133.8302



177.5000, -46.0955, -102.1705



119.4570, 0.2677, 7.4922



65.4310, 3.7315, 110.1240

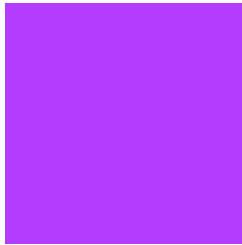


21.8720, 1.0491, 36.9463



# Previews

## White Background



This preview shows how the YUV color 118.9960, 67.0500, 54.3775 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

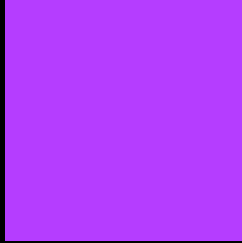
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 118.9960, 67.0500, 54.3775 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

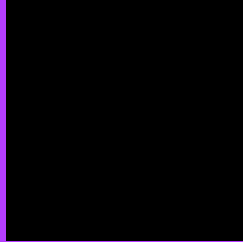
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 118.9960, 67.0500, 54.3775

## Background



This preview shows how black text looks on a background with the YUV color 118.9960, 67.0500, 54.3775.



This preview shows how white text looks on a background with the YUV color 118.9960, 67.0500,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

118.9960, 67.0500, 54.3775

### Protanopia

99.3960, 76.2198, -87.1703

### Deuteranopia

99.8570, 60.2165, -87.5746



## Tritanopia

126.6660, -3.2863, 27.4799

# Trichromacy



## Original Color

118.9960, 67.0500, 54.3775



## Protanomaly

106.8030, 72.5681, -35.7842



## Deuteranomaly

106.8710, 62.6746, -35.8439



## Tritanomaly

123.4910, 22.4359, 37.2804

# Monochromacy



## Original Color

118.9960, 67.0500, 54.3775



## Achromatopsia

119.0000, 0.0000, 0.0000



## Achromatomaly

119.1360, 24.0900, 20.0517

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 118.9960, 67.0500, 54.3775 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(181, 61, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 61, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(181, 61, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 61, 255) }
```

## Border

The CSS property to change the border of an element to YUV 118.9960, 67.0500, 54.3775 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 61, 255) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(181, 61, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(181, 61, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 61, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 61, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 61,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 118.9960, 67.0500, 54.3775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 61, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(181, 61,  
255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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